

Converting Colors

Hex(0806B2)

Have a look what the booklet for
Hex(0806B2) contains.

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Color

Hex(0806B2)

Conversions

Conversions Part 1

Format	Color
Hex	0806B2
RGB	8, 6, 178
RGB Percent	3%, 2%, 70%
CMY	0.9686, 0.9765, 0.3020
CMYK	0.96, 0.97, 0.00, 0.30
HSL	241°, 93%, 36%
HSV	241°, 97%, 70%
XYZ	8.2011, 3.3962, 42.3428
YIQ	26.2060, -54.0200, 53.9160

Conversions

Conversions Part 2

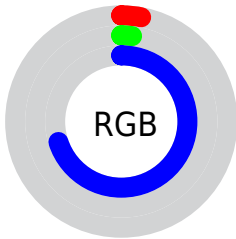
Format	Color
RYB	8, 6, 178
Decimal	526002
CIELab	21.57, 59.02, -81.22
CIELCh	22, 100.397, 306.008
Yxy	3.3962, 0.1520, 0.0630
Android (android.graphics.Color)	4278716082 (0xFF0806B2)
YUV	26.2060, 74.8344, -15.9667
Hunter-Lab	18.4289, 47.1850, -123.3266

Details

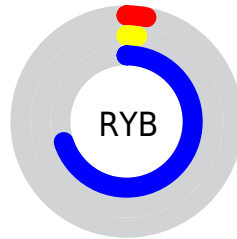
The Hex color **0806B2** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B0B206**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **643FEB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **0200B2**, and if you desaturate by 10%, it is **1A18B2**.

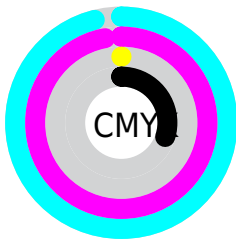
Distribution



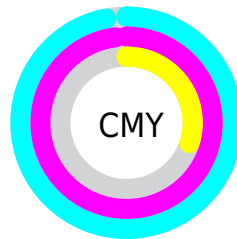
- Red (3%)
- Green (2%)
- Blue (70%)



- Red (3%)
- Yellow (2%)
- Blue (70%)



- Cyan (96%)
- Magenta (97%)
- Yellow (0%)
- Black (30%)



- Cyan (97%)
- Magenta (98%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0806B2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0806B2 by changing the saturation by 10% instead.

 0806B2

 0806B2


 FFFDFF

 000096

 643FEB

 00007C

 8458FF

 000061

 A372FF

 000949

 C28DFF

 000431

 E1A8FF

 00011B

 FFC4FF

 000000

 FFE0FF

 0806B2

 0806B2

■ 0200B2

■ 1A18B2

■ 2B2AB2

■ 3D3BB2

■ 4E4DB2

■ 605FB2

■ 7271B2

■ 8383B2

■ 9594B2

■ A6A6B2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0040D1



0806B2



8E0072

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0806B2



6D0800



004942

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0806B2



B0B206

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004700



0806B2



333700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0806B2



950000



004300



004C8D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0806B2



A30042



004300



004828

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0806B2



A6A5E8



06B2B2



4D4C75



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0806B2



0300E8



5C06B2



505059



020099



00001A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B206B0



E800E5



5CB206



595059



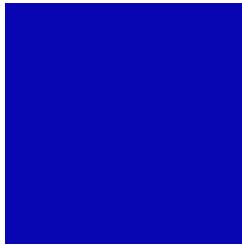
990097



1A0019

Previews

White Background



This preview shows how the Hex color 0806B2 looks on a white background.

Color Contrast Check

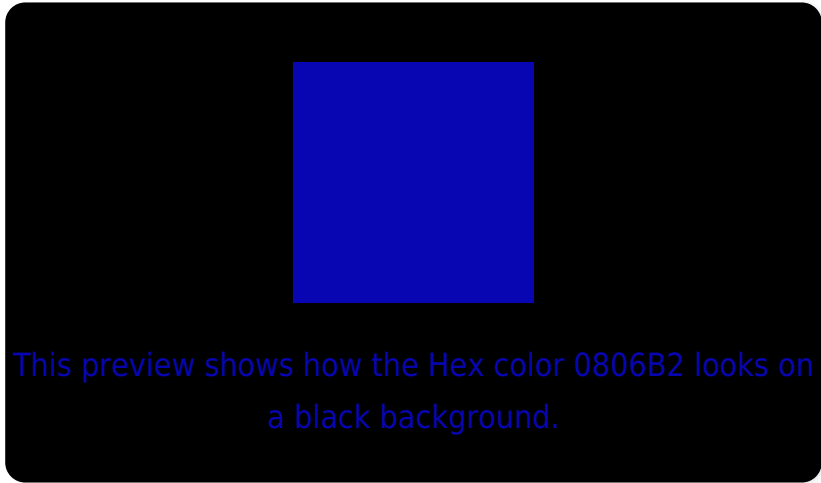
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

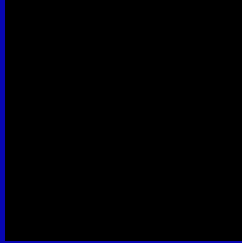
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0806B2 Background



This preview shows how black text looks on a background with the Hex color 0806B2.



This preview shows how white text looks on a background with the Hex color 0806B2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
003C3F

Trichromacy



Original Color
0806B2

Protanomaly
032386

Deuteranomaly
03267C

Tritanomaly
032869

Monochromacy



Original Color
0806B2

Achromatopsia
1A1A1A

Achromatomaly
131351

CSS Examples

Text

The CSS property to change the color of the text to Hex 0806B2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0806B2 looks like.

```
.text, #text, p{  
    color:#0806B2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0806B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0806B2
}
```

Border

The CSS property to change the border of an element to Hex 0806B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

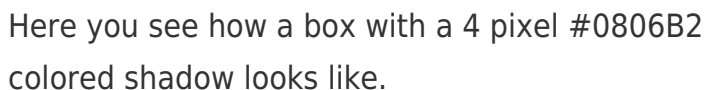
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0806B2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0806B2 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #0806B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0806B2; -webkit-box-shadow:4px 4px  
4px 4px #0806B2; box-shadow:4px 4px 4px  
4px #0806B2 }
```

Background

The CSS property to change the background color of an element to Hex 0806B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0806B2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0806B2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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